

2015-05-28 - Fedora Tech Meeting

Time/Place



























This meeting is a hybrid teleconference and IRC chat. Anyone is welcome to join...here's the info:

- Time: 11:00am Eastern Daylight Time US (UTC-4)
- U.S.A/Canada toll free: 866-740-1260, participant code: 2257295
- International toll free: <http://www.readytalk.com/intl>
 - Use the above link and input 2257295 and the country you are calling from to get your country's toll-free dial-in number
 - Once on the call, enter participant code 2257295
- IRC:
 - [Join the #fcrepo chat room via Freenode Web IRC](#) (enter a unique nick)
 - Or point your IRC client to #fcrepo on irc.freenode.net


Attendees

- [A. Soroka](#)
- [Unknown User \(acoburn\)](#)
- [Michael Durbin](#)
- [Jared Whiklo](#)
- [Yinlin Chen](#)
- [Andrew Woods](#)
- [Osman Din](#) ★
- [David Wilcox](#)
- [Stefano Cossu](#)
- [Jon Roby](#)
- [Unknown User \(escowles@ucsd.edu\)](#)
- [Unknown User \(daniel-dgi\)](#)
- [Doron Shalvi](#)

Agenda

1. Islandora / F4 migration update
2. LDP "Link: constrainedBy"  [FCREPO-1418](#) - POST/PATCH must advertise constraints if triples not persisted 
3. Open Repositories [committer meeting planning](#)
4. From last week: High-priority issues
 - Audit issues:
 - a. fixity  [FCREPO-1407](#) - Publish "fixity" message 
 - b. internal/external URIs
 [FCREPO-1507](#) - audit-triplestore and fcrepo-audit should use the same URIs for identifying events 
 - LDP
 - a. etags  [FCREPO-1498](#) - Indirectly Contained Resource Etags 
 - b. response subjects  [FCREPO-1474](#) - Subject of triples in GET request 
 - c. post/patch constrained-by
 [FCREPO-1418](#) - POST/PATCH must advertise constraints if triples not persisted 
 - d. put to fail if triples not persisted  [FCREPO-1417](#) - PUT must fail if triples not persisted 
 - e. collapse binary and description properties
 [FCREPO-1540](#) - Binary resource properties to reside on Non-RDF Source Description 
 - f. create point-like objects  [FCREPO-1470](#) - non-LPDC LDPRSes as "pointlike objects" 
 - g. disallow put/patch with RDF that includes other subjects
 [FCREPO-1414](#) - PUT/PATCH of resources that are not the target of the request 
 - Performance
 - a. GC error
 [FCREPO-1294](#) - Long-running ingest produces "OutOfMemoryError: GC overhead limit exceeded" error 
 - b. blank node map  [FCREPO-1302](#) - Ingest degradation bulk load 
 - Clean up
 - a. remove UUID from default transform  [FCREPO-1552](#) - Remove UUID from default transform 

b. remove UUID from responses

 [FCREPO-1539](#) - Stop spewing UUIDs CLOSED


c. remove Blanknode from ontology

 [FCREPO-1394](#) - Remove the fedora:Blanknode class from the Fedora ontology CLOSED

d. 403 when updating pairtree resources


 [FCREPO-1505](#) - 403 when updating Pairtree elements CLOSED

e. update mechanism for client-provided checksums

 [FCREPO-1468](#) - Update REST API: client-provided checksums CLOSED

• UI

a. Enable creation of container with text/turtle body

 [FCREPO-1454](#) - HTML UI - Enable creation of container with text/turtle body CLOSED

5. Tickets resolved this week:

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCREP O-3541	eTags need to update when containment or membership change		Nov 19, 2020	Nov 25, 2020		Jared Whiklo	Jared Whiklo		IN REVIEW	Ready for Test
FCREP O-3540	fcrepo doesn't run on postgres when running on AWS RDS		Nov 19, 2020	Nov 23, 2020		Danny Bernstein	Danny Bernstein		CLOSED	Fixed
FCREP O-3529	Transactions do not rollback cleanly		Nov 11, 2020	Nov 25, 2020		Peter Winckles	Peter Winckles		CLOSED	Fixed
FCREP O-3525	Implement http://www.w3.org/ns/oa#PreferredDescriptions header handling		Nov 09, 2020	Nov 25, 2020		Jared Whiklo	Jared Whiklo		IN REVIEW	Ready for Test
FCREP O-3507	Stream membership/containment query results		Oct 29, 2020	Nov 24, 2020		Jared Whiklo	Ben Pennell		CLOSED	Fixed
FCREP O-3438	Update fcrepo-aws-deployer to work with latest fcrepo-docker updates		Sep 30, 2020	Nov 23, 2020		Danny Bernstein	Danny Bernstein		IN REVIEW	Fixed
FCREP O-3374	Catch PersistentStorageExceptions		Jul 09, 2020	Nov 27, 2020		Jon Roby	Andrew Woods		CLOSED	Fixed
FCREP O-3284	POSTing to a Tombstone results in a new resource being created		Apr 24, 2020	Nov 26, 2020		Unassigned	Danny Bernstein		CLOSED	Fixed
FCREP O-3130	Complete implementation of <code>OCFLPersistentStorageSession.rollback()</code>		Nov 14, 2019	Nov 25, 2020		Peter Winckles	Danny Bernstein		CLOSED	Ready for Test

[9 issues](#)

6. Tickets created this week:

No issues found

7. ...

Minutes

11.05

- Greetings

11.05 - 11.10 (1)

- Andrew: Close to initial round of upgration pilots. Any comments?
- Mike/Danny: Not much activity, perhaps later this week (work on a ticket or two).
- David pilot standing: Talking to Carol about drafting a message that summarizes where we are with the pilots. Expect a message next week message about pilot outcomes. Some info already in the wiki (from Columbia, etc). Pilots are at various stages. National Library of Wales ran into a (few) issue(s) (GC issue) and Glen looked at it.
- Andrew to Mike: The Javadoc issue should be resolved now. In 4.1.1, one dependency got bumped up that broke the Javadoc.

11.10 (2)

- Some IRC activity this morning regarding "Link: constrainedBy".
- Jared: LDP compliance failing a test because of data header.
- FCPREO-1418 lists many solution approaches.
- Andrew: In LDP specification <http://www.w3.org/TR/ldp/#ldpr-gen-pubclireqs>, it states if a server does not allow a POST or PATCH to succeed, in the response there must be a constrainedBy header.
- ajs6f: Note the spec mentions: "and a target URI identifying a set of constraints".
- Andrew mentions community approaches, e.g., having static page on why some request failed. Little bit of ambiguity, but there are some success stories.
- ajs6f: Preferable to have dereferencable mechanism. How precise and machine-actionable it can be made is a question, but things can be made better. It could be a "human" thing, e.g., "your RDF is junk!". We do have MalformedRdfException, so there could be similar exceptions that have messages like 'your request contains a subject not part of the resource'. Alternatively (to static pages), a dereferenceable link. May be very had to make things actionable. But definite improvement to ergonomics.
- Esme: RDF is not only human readable but machine actionable
- Andrew: So. . . Feelings one way or the other?
- Esme advocating for external ontology like approach. "Seems easiest to me". Network access issue would be better handled, etc.
- Andrew: Having static pages deployed with Fedora seems a bit tighter.
- ajs6f: My use case is while travelling, if I'm disconnected, things should still function. But not a strong enough use case. In some ways, having a coherent artifact is "kind of nice".

11.35 (3)

- Andrew: Meeting is for the general tech community (not just committers). Please add/remove names and agenda to the page.
- Two specific topics that recently came up: (a) ? (b) Proposal from Data Conservancy. DC has some use case that in F3 terms would be considered a disseminator. Design focus on using Camel and addressing various dissemeniator like scenarios and possibly having JAX-RS drop in modules (i.e., not part of core code base).

11.45 (4, 5, 6)

- Andrew: For the LDP section are there tickets that folks will be working on (soon)? (Silence.)
- Andrew: Garbage collection issue faced by the National Library of Wales. Might be addressed by the work that Mike is doing. So, it might get tackled in another way (tool) but Andrew suspect there might be still an issue lurking (Jon might be able to take a look at in the sprint).
- FCREPO-1411: Might already be addressed and is related to the work Jared is doing for the other constraints. Jared to look at 1411 - 1442 to see if that's not the case.
- Clean up tickets: Yinlin is working on a, b, c. Esme to continue work.